

RESULT 2

AAH29768/c

ID AAH29768 standard; DNA; 731 BP.

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AC AAH29768;

XX

DT 27-JUL-2001 (first entry)

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DE S cerevisiae apoptosis associated coding sequence YGL235W.

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KW Yeast; fungus; apoptosis; infection; proliferative disease; vaccine;

KW autoimmune disease; ischaemia; neurodegeneration; ds.

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OS Saccharomyces cerevisiae.

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PN WO200102550-A2.

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PD 11-JAN-2001.

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PF 03-JUL-2000; 2000WO-BE000077.

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PR 01-JUL-1999; 99EP-00870141.

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PA (JANC ) JANSSEN PHARM NV.

XX

PI Contreras RH, De Backer MD, Luyten WHML, Malcorps IKL;

PI Nelissen BJM, Reekmans RJ;

XX

DR WPI; 2001-367042/38.

DR P-PSDB; AAG70732.

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PT Yeast and fungal nucleic acids encoding proteins involved in a pathway

PT leading to programmed cell death, useful for treating proliferative

PT disorders, yeast and fungal infections, or for preventing apoptosis in

PT certain diseases.

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PS Claim 1; Fig 1; 218pp; English.

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CC The present invention provides the protein and coding sequences of a

CC number of apoptosis associated proteins from the yeast Saccharomyces

CC cerevisiae and the fungus Candida albicans. These can be used to identify

CC treatments for fungal and yeast infections, for proliferative diseases

CC and for apoptosis related diseases such as autoimmune diseases, ischaemia

CC and neurodegeneration. The present sequence is one of the S. cerevisiae

CC coding sequences of the invention

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SQ Sequence 731 BP; 200 A; 147 C; 159 G; 225 T; 0 U; 0 Other;

Query Match 28.3%; Score 283.4; DB 4; Length 731;  
Best Local Similarity 81.0%; Pred. No. 1.3e-60;  
Matches 367; Conservative 0; Mismatches 81; Indels 5; Gaps 3;

Qy 551

TTAGCAATACGCTTCTGAACGAGGATCTATAGCAACTAAATTAGACATTCTG  
CTACACC 610

A standard linear barcode is located at the bottom of the page, spanning most of the width.

Db 731 TTAACAATAAGCTTCTGTACGAGGGTCCAAATCTA--  
AAATTCCGATATTCTTTTGACC 674

Ov 611

AAAAATGGAAGTATCACAGGAACGGAAAAGGGTTTATAAGGCACCTCGGC  
ACCCCTATA 670

A standard linear barcode is located at the bottom of the page, spanning most of the width.

673

GAAAAAAGGAAATGTCACAGGCACAGAAAAGGGTTTATAAGGCACCTCGGC  
A-CCCTATA 615

Ov 671

ACTGGCATTCTCACATTGGCGCATACGAATAGACAAAGGCCAGAAAACA  
ATACCTTC 730

A standard linear barcode is located at the bottom of the page, spanning most of the width. It consists of vertical black bars of varying widths on a white background.

614

ATTGGCATTCCCACATTCTGCGCATACGAATACACATGAGTGCCATAATACA  
ATACTCCA 555

Ov 731

GCATACAGAACATCTATAAAGATGCATGCCTCGTTAAAAACAAGAACATCTTC  
ATAGTGAT 790

A standard linear barcode is located at the bottom of the page, spanning most of the width.

Db 554

CATACGAAGTCTATGAAAGATGTATGATTGTTAGAAACAAGAGCATCTCC  
ATAGTGAT 495

Ov 791

ATGCGTGAGGTACTAAATGAGGATATGT 848

A standard linear barcode is located at the bottom of the page, spanning most of the width.

Db 494

AATGAGATTGTGTGAAAGATGAGATATGGAGGATATGTGAGGTGCTAAATGA  
GCATCTGT 435

Qy 849  
TAACGAATCGTTAAGTGGTGATGACCAATGAAGGAATAGGTATAAATAGAG  
ATACTTCA 908  
||||||| ||||| |||||  
Db 434  
TAACGAATCGTTAAGTAGTGATGACTGATAGAGGAACGGGTATAAATAGAG  
CTGCTTCA 375

Qy 909  
ACTATATGCCTTGAGAATATGTCTTATTCCCTCCCTGTTAAGCTTATA  
TCAGCA 968  
||||| ||||| |||||  
Db 374  
ACTGTATGCTTTGAGAATATCTTATTCTTCTTCTGTTAAGCTTATA  
CCAGCA 315

Qy 969 CTAACAAACAAAACAAATACAATGGTCAAATT 1001  
|||||  
Db 314 CTAAAAAACAAAACAAATACAATGGTCAAATT 282